Index of Claims

| _ | Application No. | Applicant(s) |  |
|---|-----------------|--------------|--|
|   | 09/681,571      | SHAH ET AL.  |  |
|   | Examiner        | Art Unit     |  |

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| 7 | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla                    | aim Date |                 |          |                 |                 | ו ר      | Claim Date |          |  |           |          |          |          | $\neg$        | C       | aim      | Date     |                     |          |          |              |          |                |              |          |          |          |          |              |          |
|------------------------|----------|-----------------|----------|-----------------|-----------------|----------|------------|----------|--|-----------|----------|----------|----------|---------------|---------|----------|----------|---------------------|----------|----------|--------------|----------|----------------|--------------|----------|----------|----------|----------|--------------|----------|
| <u> </u>               |          | $\vdash$        | T        | т               |                 |          |            |          |  |           |          |          | $\dashv$ | -0            | 31161   |          |          | Т                   | –՝       | 7016     | <del>,</del> |          | т              | $\dashv$     |          |          |          |          |              |          |
| Final                  | Original | 3/8/05          |          |                 |                 |          |            |          |  | Final     | Original |          |          |               |         |          |          |                     |          | Final    | Original     |          |                |              |          |          |          |          |              |          |
| $\vdash$               | 1        | 1               | ╁        | H               |                 |          |            |          | -  |           | 51       | H        | $\dashv$ | +             | +       | ╁        | $\vdash$ | ╁                   | $\dashv$ |          | 101          | -        |                | $\dashv$     | $\dashv$ | -        | $\dashv$ | -        | $\dashv$     | -        |
|                        | 2        | V               | _        |                 | Н               |          | _          | $\dashv$ | 1 1  |           | 52       | $\dashv$ | <b>-</b> |               | $\top$  | +        | ╁┈       | $\vdash$            | ┥        | <u> </u> | 102          | -        | $\pm$          | +            | $\neg$   | $\dashv$ |          | -+       | $\dashv$     |          |
|                        | 3        | V               | T        | П               |                 |          |            |          | 1 1  |           | 53       | $\vdash$ |          | $\dashv$      | +-      | +        | $\vdash$ | $\vdash$            | _        | -        | 103          |          | -+             | Ŧ            | _        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$     | -        |
|                        | 4        | 1               | 1        | Н               | Н               |          |            |          | 1  |           | 54       |          | $\dashv$ | _             | $\top$  | +        | +-       | $\vdash$            | -        | _        | 104          |          | $\dashv$       | +            | ᅥ        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$     |          |
|                        | 5        | V               | T        | H               | Н               |          | $\dashv$   | $\dashv$ | 1 1  | _         | 55       | $\vdash$ | _        | <u> </u>      | +-      | +        | $\vdash$ | $\vdash$            | $\dashv$ | 1        | 105          |          | +              | +            | ᅱ        | $\dashv$ | $\dashv$ | -        | +            | -        |
| <b>-</b>               | 6        | V               | t        | П               |                 |          |            |          | 1 1  |           | 56       |          | 1        |               | $\top$  | +        | $\vdash$ | $\vdash$            | _        | -        | 106          | -        |                | +            | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$     | $\dashv$ |
|                        | 7        | V               | T        | П               |                 |          | $\neg$     |          | 1  |           | 57       | 1        | 寸        |               | Ť       | +-       | $\vdash$ | $\Box$              | _        | _        | 107          |          | +              | +            | 一        |          | $\dashv$ | $\dashv$ | +            | $\dashv$ |
|                        | 8        | V               | Ť        | П               |                 |          |            | _        | 1 1  |           | 58       | $\neg$   |          |               | †       | 1        | $\vdash$ | $\Box$              | ┪        |          | 108          |          | +              | $\dashv$     | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$     | $\dashv$ |
|                        | 9        | 1               |          | П               |                 |          |            |          | 1 1  |           | 59       |          | T        | $\neg$        | ┪       |          |          |                     | 7        |          | 109          |          |                | 7            | 一        | $\dashv$ |          | 寸        | +            | $\neg$   |
|                        | 10       | 1               | 1        | П               |                 |          |            | $\top$   | 1 1  |           | 60       |          | 寸        | $\dashv$      | $\top$  | T        |          | t t                 | ┪        |          | 110          |          |                | 7            | _        |          |          | $\dashv$ | $\dashv$     | ᅱ        |
|                        | 11       | 1               |          | П               |                 |          | T          | _        | 1  |           | 61       |          | 寸        |               | Ť       |          | H        |                     | 7        |          | 111          |          |                | 7            | _        | $\neg$   |          | $\dashv$ | $\dashv$     | $\neg$   |
|                        | 12       | <b>V</b>        |          |                 |                 |          |            |          | 1  |           | 62       |          | T        | 1             | $\top$  | 1        | T        |                     | _        |          | 112          |          |                | _            | $\dashv$ | ┪        | _        | $\dashv$ | $\dashv$     | ┪        |
|                        | 13       | <b>√</b>        |          | П               |                 |          |            |          | 1 1  |           | 63       |          |          |               | $\top$  | 1        | Г        |                     | 7        |          | 113          |          | $\neg$         | T            | 一        |          | $\neg$   | _        | $\dashv$     | ᅥ        |
|                        | 14       | <b>√</b>        |          |                 |                 |          |            |          | 1 Ì  |           | 64       |          |          |               | T       | 1        |          |                     | _        |          | 114          |          |                | T            | T        |          | $\Box$   | $\neg$   | 十            | $\dashv$ |
|                        | 15       | <b>√</b>        |          |                 |                 |          |            |          | 1 1  |           | 65       |          | $\neg$   | $\exists$     |         |          |          |                     |          |          | 115          |          |                | Ť            |          |          |          |          | 十            | $\neg$   |
|                        | 16       | 1               |          |                 |                 |          |            |          | 1 1  |           | 66       | $\Box$   | $\neg$   |               |         | 1        |          |                     |          |          | 116          |          | $\neg$         | ┪            |          |          | $\neg$   |          | 十            | Ħ        |
|                        | 17       | <b>√</b>        |          |                 |                 |          | $\neg$     |          | 1  |           | 67       |          |          |               | T       |          |          |                     | 1        |          | 117          |          |                | 7            |          |          | T        | 寸        | $\dashv$     | ᅥ        |
|                        | 18       |                 |          |                 |                 |          |            |          | 1 [  |           | 68       | П        |          | $\neg$        |         |          |          |                     | 7        |          | 118          |          |                | ✝            |          |          |          | 寸        | 7            | ᅥ        |
|                        | 19       |                 |          |                 |                 |          |            |          | 1  |           | 69       | T        |          | $\neg \vdash$ |         |          |          | П                   | 7        |          | 119          |          | $\top$         | 7            |          | -        |          | 寸        | T            | $\dashv$ |
|                        | 20       |                 |          |                 |                 |          |            |          | 1  |           | 70       |          | T        |               | $\top$  |          |          |                     | 1        |          | 120          |          |                | 7            |          |          |          | $\dashv$ | $\neg$       | ᅥ        |
|                        | 21       |                 |          |                 |                 |          |            |          | 1 [  |           | 71       |          |          |               | T       |          |          |                     | 7        |          | 121          |          |                | 7            |          |          |          | T        | 1            | ╗        |
|                        | 22       |                 |          |                 |                 |          |            |          | ] [  |           | 72       |          |          |               | 7       |          |          |                     |          |          | 122          |          |                | T            |          |          |          | 一        | $\neg$       | ┪        |
|                        | 23       |                 |          |                 |                 |          |            |          | ] [  |           | 73       |          |          |               | Т       |          |          |                     |          |          | 123          |          |                | $\exists$    |          |          |          | T        | 丁            |          |
|                        | 24       |                 |          |                 |                 |          |            | _L       | J  |           | 74       |          |          |               |         |          |          |                     |          |          | 124          |          |                |              |          |          |          |          |              |          |
|                        | 25       |                 |          |                 | $\Box$          |          |            | L_       | j ļ  |           | 75       |          |          |               |         |          |          |                     |          |          | 125          |          |                |              |          |          |          |          | Ī            |          |
|                        | 26       |                 | L        | Ш               |                 |          |            |          | ] [  |           | 76       |          |          |               |         |          |          |                     |          |          | 126          |          |                |              |          | ]        |          | $\neg$   | T            |          |
| L                      | 27       | $oxed{oxed}$    | <u> </u> | Ш               |                 |          |            |          | ]  |           | 77       |          |          |               |         |          |          |                     |          |          | 127          |          |                |              |          |          |          |          |              |          |
|                        | 28       |                 | _        | Ш               |                 | _        |            |          | ]  |           | 78       |          |          |               | $\perp$ | 上        |          |                     |          |          | 128          |          |                | Ī            |          |          |          |          |              |          |
|                        | 29       |                 |          | Ш               |                 | _        | _          |          | ]  |           | 79       |          | $\dashv$ | $\perp$       | $\bot$  | 1        | Ш        | Ш                   | _        |          | 129          | _        | L              | ┙            |          |          |          |          |              |          |
|                        | 30       |                 | _        | Ш               |                 |          | _          |          | 1 1  |           | 80       |          | $\perp$  |               |         |          | Ш        |                     |          |          | 130          |          |                | ┙            |          |          |          |          |              |          |
|                        | 31       |                 | <u> </u> | Ш               | Щ               | _        |            | _        | 1 1  |           | 81       | $\dashv$ | _        | _             | ┸       | <u> </u> | Ш        | $\sqcup \bot$       | _        |          | 131          | _        |                | $\perp$      |          |          |          |          |              |          |
| ļ                      | 32       |                 | ┡        |                 |                 | _        |            |          | 1 1  |           | 82       | _        | _        |               | $\perp$ | _        | Ш        |                     | 4        |          | 132          | _        |                | $\perp$      | _        |          |          | $\perp$  | $\bot$       | ╝        |
| <u> </u>               | 33       | - -             |          | $\vdash \vdash$ | Щ               | _        | _          |          | ↓  |           | 83       | $\sqcup$ | _        |               | 4       | ـ        | $\sqcup$ | $\vdash \downarrow$ | 4        |          | 133          |          |                | 4            | _        | $\Box$   | $ \bot $ | $\dashv$ | $\perp$      | Ц        |
| <u> </u>               | 34       | <del>-  </del>  | ├        | $\sqcup$        | $\vdash \dashv$ | _        | _          | $\perp$  | <b>↓ ↓</b>                                   |           | 84       | $\sqcup$ | $\dashv$ | 4             | +       | 4_       | Ш        | <b>⊢.</b> ↓.        | _        | <u></u>  | 134          | _        |                | 4            | _        |          |          | _        | $\perp$      | _        |
| <u> </u>               | 35       | <del></del>     | 1        | $\sqcup$        | dash            |          | _          | -        | ↓ ↓  | $ \dashv$ | 85       | $\sqcup$ | $\dashv$ | 4             | +       | ╀        | $\sqcup$ | $\vdash$            | _        | -        | 135          |          | _              | $\downarrow$ | _        | _        | _        | _        | 4            | _        |
| <u> </u>               | 36       | ⊢-              | ╂—       | $\vdash$        | $\vdash \vdash$ |          |            |          | <b>↓                                    </b> |           | 86       |          | $\dashv$ | +             | +-      | +        | $\vdash$ | $\vdash$            | 4        |          | 136          |          | -              | 4            | _        | _        | _        |          | $\perp$      | _        |
| <u> </u>               | 37       | $\vdash \vdash$ | ╂—       |                 | -               | {        |            | -        |  |           | 87       | $\dashv$ | $\dashv$ |               | +       | +        | Н        | -                   | 4        |          | 137          |          | $-\!\!\!\!\!+$ | 4            | _        | _        |          | _        | $\downarrow$ | ᅬ        |
| <u> </u>               | 38<br>39 | $\vdash$        | ₩        |                 | -               |          | _          |          | ┨  |           | 88       | $\dashv$ | $\dashv$ | +             | _       | ┼        | Н        | $\vdash \vdash$     | _        | <u> </u> | 138          |          | +              | $\perp$      | _        |          | _        | _        | $\perp$      | 4        |
| <b> </b>               | 40       | $\vdash$        | ╄        | $\vdash$        | $\dashv$        | $\dashv$ | $\dashv$   | +        | ┨  |           | 89       |          | $\dashv$ |               | +       | ╁        | Н        | -                   |          | <u> </u> | 139          | _        | $\dashv$       | 4            | _        |          |          | _        | 4            | ᅵ        |
| <u> </u>               |          | ⊢-              | $\vdash$ | $\vdash$        | -               | $\dashv$ | -          |          | ┨  |           | 90       | $\dashv$ | $\dashv$ | +             | +       | +        | $\vdash$ |                     | $\dashv$ | $\vdash$ | 140          | _        |                | 4            |          | _        | _        | _        | _            | 4        |
| -                      | 41<br>42 |                 | +        | -               |                 |          |            | -        |  |           | 91       | $\dashv$ | +        | +             | +-      | $\vdash$ | $\vdash$ | -                   | 4        |          | 141          | _        | _              | 4            | $\dashv$ | 4        | 4        |          | $\dashv$     | _        |
| ┝┈┤                    | 42       | $\vdash \vdash$ | ⊢        |                 | $\dashv$        | -        |            | +        | ┨  |           | 92<br>93 | -        | +        | +             | +       | $\vdash$ | $\vdash$ | $\vdash$            | $\dashv$ |          | 142          |          |                | 4            | $\dashv$ |          | -        | _        | +            | _        |
| H-                     | 44       | $\vdash$        | ┼        | $\vdash$        | $\dashv$        |          |            | +        | ┨╏   | -         | 93       | -+       | -+       | +             | +       | $\vdash$ | $\vdash$ | $\vdash$            | 4        | $\vdash$ | 143          | $\dashv$ |                | +            |          |          | $\dashv$ | -        | +            |          |
| $\vdash \vdash \vdash$ | 45       | -               | +-       | $\vdash \vdash$ | $\vdash$        | $\dashv$ | $\dashv$   | +        | ┥┞   |           | 95       | -+       | +        | +             | +       | +-       | $\vdash$ | $\vdash$            | 4        | $\vdash$ | 144          | -        |                | +            | -        |          | $\dashv$ | -        | $\dashv$     | 4        |
| <u> </u>               | 46       | -               | ┼        | $\vdash$        | $\dashv$        | $\dashv$ |            |          | ┨  |           | 96       | $\dashv$ | $\dashv$ | +             | +       | ┼-       | $\vdash$ | $\vdash$            |          | $\vdash$ | 145          | -        |                | +            |          |          | $\dashv$ |          | $\dashv$     | 4        |
| $\vdash$               | 47       | -               | -        | $\vdash$        | $\dashv$        |          |            | +        | 1 }  |           | 96       | $\dashv$ | +        | +             | +-      | +        | $\vdash$ | $\dashv$            |          | $\vdash$ | 146          |          | -+             | +            | _}       | $\dashv$ | _        |          | +            | 4        |
|                        | 48       |                 | ├-       | $\vdash$        | -               | $\dashv$ | $\dashv$   | +        | ┪┝   |           | 98       | -        | $\dashv$ | +             | +       | ╁        | $\vdash$ |                     | $\dashv$ | $\vdash$ | 147<br>148   |          | -+             | +            | -        | -        | -        | -+       | +            | $\dashv$ |
|                        | 49       |                 | H        | H               | -               | $\dashv$ | -+         | $\dashv$ | 1 }  |           | 99       | $\dashv$ | +        | +             | +       | +-       | $\vdash$ | -+                  | $\dashv$ | $\vdash$ | 148          |          | -+-            | +            |          | $\dashv$ | -+       |          | +            | $\dashv$ |
| $\vdash$               | 50       | $\vdash$        | +-       | $\vdash$        | -               | $\dashv$ | $\dashv$   | -        | 1 }  |           | 100      | $\dashv$ | +        | +             | +       | +        | $\vdash$ | -                   | $\dashv$ | $\vdash$ | 150          | $\dashv$ |                | +            | $\dashv$ |          | $\dashv$ | $\dashv$ | +            | ᅱ        |
|                        | 50       | l_              | <u> </u> | ш               |                 |          |            |          | JL   | i         | 100      |          |          |               |         |          | 니        |                     |          |          | 130          |          |                |              |          |          | 1        | _1       |              | 1        |